

AAM76341	437	LSYMERDR	KAKKWWHR	LYSL	ETCLVNSWICF	NDIVRSQMAEIKNLN	TQ	.....
AAM76342	437	LSYMERDR	KAKKWWHR	LYSL	ETCLVNSWICF	NDMVRSQMAEIK	SN	TQ
ABS18391	455	MCKSMSANR	KTNRWPM	AFYGV	LNMFAVNSY	ITYCHNKINKQEKPI	SRK	EFMKKLSIQ
BAD07480	472	LSANYNVS	RNSKRWPMT	LFYGV	LNMMAINACI	ITYRANKN	VTIKRT	EFIRSLGLS
BAD11135	472	LCANYNVS	RNSKRWPMT	LFYGV	LNMMAINACI	ITYRANKN	VTIKRT	EFIRSLGLS
BAD11136	99	LCANYNVS	RNSKRWPMT	LFYGV	LNMMAINTC	ITYRANKN	VTIKST	EFIRSLGLS
BAF82017	469	IQN	YDATG	KTNAWYKKA	FYMIQ	SLYNSYVVYKA	AAVPCS	...KLSFY
BAF82019	457	IQHYYNATR	KTRAWYKKA	ATYMIQ	ALYNSYVVYKA	AAVPGP	...RLSYY	NYLLQLLPA
BAF82020	456	IQTYYDATR	KTRAWYKKA	ATYMIQ	ALYNSYVVYKA	AAVPGP	...KLSYY	NFLQLLPA
BAF82021	458	IQTYYDATR	KTRAWYKKA	ATYMIQ	ALYNSYVVYKA	AAVPGP	...KLSLY	NYLLQLLPA
*BAF82022	450	LQHYYNATR	KTRAWYKK	GIYLI	QALRNSY	IYVYKA	AAVPGP	...KLSYY
BAF82025	450	LQHYYNATR	KTRAWYKK	GIYLI	QALRNSY	IYVYKA	AAVPGP	...KLSYY
CAF99963	503	LISYYNVLH	QTQKWYKT	LFYHC	VDIAAVNA	FILHKEMCKLQDQPEL	QKK	AFREQLILS
CAI18712	469	NIAKYKVKI	RGMKWYSS	FIGYV	IDAALNNA	QLHRICCCDAQVDL	AFR	RYIACVYLE
NP_689808	437	MLTSYPSE	RKRHWYKKFFHH	LLHIT	VLNSYILF	FKDNPEH	...TMSHI	NFRALIER
NP_741958	342	KYSKYFISH	KPNKTIQQ	WF	FATSIANNAY	ILYKMSDAYH	VKKYSRA	QFGERLVRE
*PIGGYBAC-ORF	452	MCSVMTC	SRKTNRWPM	ALLYG	MINIACINS	FIITYSHNVSSKGEKVQ	SRK	KFMRLNLYMS
Q8N328	469	NIDKYRASI	RGKKWYSS	PLLFC	FELVLQNA	QLHKT	YDEKP	VDFLEFR
Q8N414	487	KYSKYFISH	KPNKTIQQ	WF	FATSIANNAY	ILYKMSDAYH	VKRY	SRAQFGERLVRE
Q96JS3	745	IISKYRVRI	RSKKWYSI	VS	YMIDVAMNNA	QLHRACNPGASLDP	LDFR	RFVAHFYLE
XP_001030237	456	YLAAYRNC	RKNIKWYRP	FYR	MLDNATVNA	ILYNFNLS	PK	...YKLSQK
XP_001541487	414	IIDDYNHN	ISIIPIS	.....	.....	.....	.....	.....
XP_001599370	281	LREVMIER	RSKKWHS	IMYYY	IDMAIV	NCYILY	KYKEGE	...CEDQL
XP_312615	440	MLCAKHN	VVRSTRR	WPVAF	FNLMN	SAINACI	YCLNHP	...EEAKMSRR
XP_590785	470	NIAKYKVKI	RGMKWYSS	FIGYV	IDAALNNA	QLHRICCHDAQVDL	AFR	RYIACVYLE
XP_699416	440	LTSTYT	CQRKTL	HWPMV	IFNMLD	VSAYN	AVLWMDLNPSWEAQKTNR	RRIFLQDLGRA
XP_797885	490	RMAYYKY	PHKHL	KWYMYH	FMEV	ALVNA	LAVRIATKDMKRSTR	SFR
consensus	841	l	y	r	ktkkwy	l	yyll	mal

AAM76341	.....								
AAM76342	.....								
ABS18391	513	LTTPWMQER	.....	LQAPT	LKRTL	LRDN	ITNVL	LKNV	VPASSENISNEPEPKKRRY
BAD07480	526	MIYEHLHSR	.....	NKKKN	NIPTYL	RQRTE	KQLGEP	SPR	HVNVPGRYVR
BAD11135	526	MIYEHLHSR	.....	NKKKN	NIPTYL	RQRTE	KQLGEP	SPR	HVNVPGRYVR
BAD11136	153	MIYEHLHSR	.....	NKKKI	FPPTS	SASESRNS	.....	.....	.....
BAF82017	523	LLFG	.....	DVEEV	PDIPD	NDNVA	..RMVG	KHFIDNIPPTLNEKSAQRA	.....
BAF82019	512	LLFG	.....	DVEEV	PDMPG	NDNVA	..RMVG	KHFIAQIPPTPNKRYAQRK	.....
BAF82020	511	LLFG	.....	DVQEV	PDVPG	NDNVA	..RMVG	KHFIAQIPPTPNKRYAQRA	.....
BAF82021	513	LLFG	.....	DVEEV	PNMPG	NDNVA	..RMMG	KHFIAHIPPTPNKRYAQRT	.....
*BAF82022	505	LLFGGV	.....	EEQTV	PEMP	PSDNVA	..RLIG	KHFIDTLPPTPGKQRPQKG	.....
BAF82025	505	LLFGGV	.....	EEQTV	PEMP	PSDNVA	..RLIG	KHFIDTLPPTPGKQRPQKG	.....
CAF99963	561	LAGIGSRPGRSAPQNP	PGLIVTEPPPP	SSAQVSDTTPSA	APASGHL	PAYFVEDMSNVT	.....	.....	.....
CAI18712	527	SNADTTSQG	.....	RRSR	LETES	RFD	IG	.....	HWIHHQDKRTR
NP_689808	493	MLEKHHK	..P	.....	GQQLRGR	PCSD	YTPLRLSG	RHFPKSIPATSGKQNP	TGR
NP_741958	399	LLGLEDSSP	.....	AH	.....	.....	.....	.....	.....
*PIGGYBAC-ORF	510	LTSSFM	RKRK	.....	LEAPT	LKRYL	RDNIS	NILPNE	VPGTSDDSTE
Q8N328	526	THGHPPEPG	.....	QKGR	PQKR	NIDS	RYDG	.....	INHVIKQKGQTR
Q8N414	544	LLGLEDASP	.....	TH	.....	.....	.....	.....	.....
Q96JS3	803	HNAHLS	D	.....	.....	.....	.....	.....	.....
XP_001030237	512	LACRYSP	SKS	.....	QHAIKVQ	QFMKDKSAEVDKIPQYFEKAMKLHIMKNC	DYSAH	.....	.....
XP_001541487	.....	.....	.....	.....	.....	.....	.....	.....	.....
XP_001599370	336	LLIGDYNGRK	.....	RFR	DSK	.....	.....	.....	.....
XP_312615	496	LLRPQARRR	.....	LDSKT	LPRL	LRQR	GLFLGISREEYETVPVVERQGGESRGR	.....	.....
XP_590785	528	SNADTSSQG	.....	RRSR	LETES	RFD	IG	.....	HWIHHQDKRTR
XP_699416	499	LVTPHLQRR	.....	ERL	PRLP	NSINMI	VEAQSAPE	DIQRCIPPVTDPKRKRCEP	.....
XP_797885	548	SYAKTSTAG	.....	RPKAL	RESTR	DNRLAP	RLTG	QHFAEQ	RPRQGKNRYYPD
consensus	901	li	.....	.....	.....	.....	.....	.....	.....